

Application No. 10/707,612
Amdt. faxed February 17, 2006
Attorney Docket No. 03-1090

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

1. (previously presented) A two-layer composite material for use in translucent, flame-resistant components, the composite material comprising:
a substantially continuous polyphenylsulfone substrate material; and
a plurality of long glass fibers substantially embedded within said polyphenylsulfone substrate material such that the composite material has an average allowable heat release not to exceed a 65/65 standard.
2. (previously presented) The two-layer composite material of claim 1, wherein said plurality of long glass fibers comprises a plurality of unidirectional long glass fibers.
3. (previously presented) The two-layer composite material of claim 1, wherein said plurality of long glass fibers is selected from the group consisting of a plurality of long s-type glass fibers and a plurality of long e-type glass fibers.
4. (original) The two-layer composite material of claim 1, wherein said translucent, flame-resistant components comprises an interior component contained within a commercial aircraft.
5. (original) The two-layer composite material of claim 4, wherein said interior component is selected from the group consisting of a countertop, a cabinet enclosure, a tray table, a backlit lighted sign, an illuminating window panel, a window bezel, a class divider, a privacy partition, a backlit ceiling panel, a direct lighting ceiling panel, a backlit control panel, a lighted door, a lighted door latch, a doorway lining, a proximity light, a stow bin door, a privacy

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curtain, a translucent door handle, a translucent amenities cabinet, a translucent sink deck a doorway liner, a stow bin latch handle, and a lighted phone.

6. (withdrawn) The two-layer composite material of claim 1, wherein said plurality of long glass fibers comprises a weaved glass cloth material having a plurality of long glass fibers.

7. (withdrawn) The two-layer composite material of claim 6, wherein said plurality of long glass fibers is selected from the group consisting of a plurality of long e-type glass fibers and a plurality of long s-type glass fibers.

8. (withdrawn) A three-layer composite material for use in translucent, flame-resistant components, the composite material comprising:
a first layer of a polyphenylsulfone substrate material;
a second layer of said polyphenylsulfone substrate material; and
a plurality of long glass fibers sandwiched between and substantially embedded within said first layer and said second layer such that the composite material has an average allowable heat release not to exceed a 65/65 standard.

9. (withdrawn) The three-layer composite material of claim 8, wherein said plurality of long glass fibers comprises a plurality of unidirectional long glass fibers.

10. (withdrawn) The three-layer composite material of claim 8, wherein said plurality of long glass fibers comprises a plurality of long e-type glass fibers.

11. (withdrawn) The three-layer composite material of claim 8, wherein said plurality of long glass fibers comprises a plurality of long s-type glass fibers.

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12. (withdrawn) The three-layer composite material of claim 8, wherein said translucent, flame-resistant components comprises an interior component contained within a commercial aircraft.

13. (withdrawn) The three-layer composite material of claim 12, wherein said interior component is selected from the group consisting of a countertop, a cabinet enclosure, a tray table, a backlit lighted sign, an illuminating window panel, a window bezel, a class divider, a privacy partition, a backlit ceiling panel, a direct lighting ceiling panel, a backlit control panel, a lighted door, a lighted door latch, a doorway lining, a proximity light, a stow bin door, a privacy curtain, a translucent door handle, a translucent amenities cabinet, a translucent sink deck a doorway liner, a stow bin latch handle, and a lighted phone.

14. (withdrawn) The three-layer composite material of claim 8, wherein said plurality of long glass fibers comprises a weaved glass cloth material having a plurality of long glass fibers.

15. (withdrawn) The three-layer composite material of claim 14, wherein said plurality of long glass fibers is selected from the group consisting of a plurality of long e-type glass fibers and a plurality of long s-type glass fibers.

16. (withdrawn) A three-layer composite material for use in translucent, flame-resistant components, the composite material comprising:

 a first layer of a plurality of long glass fibers;
 a second layer of said plurality of long glass fibers; and

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a layer of polyphenylsulfone substrate material sandwiched between and embedding said first layer and said second layer such that the composite material has an average allowable heat release not to exceed a 65/65 standard.

17. (withdrawn) The three-layer composite material of claim 16, wherein said plurality of long glass fibers is selected from the group consisting of a plurality of long s-type glass fibers and a plurality of long e-type glass fibers.

18. (withdrawn) The three-layer composite material of claim 16, wherein said plurality of long glass fibers comprises a weaved glass cloth material having a plurality of long glass fibers.

19-39. (cancelled)

40. (withdrawn) A three-layer composite material for use in translucent, flame-resistant components, the composite material comprising:
a first layer of a plurality of long glass fibers;
a second layer of said plurality of long glass fibers; and
a layer of polyphenylsulfone substrate material sandwiched between and embedding said first layer and said second layer such that the composite material has an average allowable heat release not to exceed a 65/65 standard, wherein said plurality of long glass fibers comprises a plurality of unidirectional long glass fibers.